

Creativity in Education:Techno' Dimension

Kumasi Economic Summit, April 09

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Interest Areas...

- Education: what it is?
- Educational Evolution
- Technological Innovation
- "Death of Distance" vrs Online Learning
- Creative Opportunities



Education: What it is...

- The art of impacting knowledge and skill
- The processes of changing behaviour
- Yields to many human senses
- Timeless and boundless process
- Is a life-long process



Effective Education Attributes...

Effective education and learning processes:

- motivates learners,
- develops their skills, and
- enables learners to transfer their new skills to other settings



Historical Ghanaian Issues...

Politically, one can only recall

- the era of struggles for freedom
- the brief post independent period which saw accelerated social development
- the turbulent military domination of politics and economic stagnation and
- the relatively peaceful democratic social structure



Societal Demands...

Societal expectations of Schools & Education?

- In all these changes, the society has looked upon the school and educational process to provide answers to its socio-economic and political problems.

...The reason for the political **intervention or intrusion** into education. The growing debate.



Educational Evolution...

- Education in Ghana has undergone numerous changes:
 - **Duration:**
 - *PreSchool, PreTertiary, Tertiary*
 - **Ideology:**
 - *Constructivist & Behaviourist Theories*
 - **Curriculum content:**
 - *Theoretical Variations & Methodologies*



Techno' Transformation...

...These transformations are reflective of the socio-economic and political changes that the nation has experienced. From a relatively stable agrarian economy and a very simple society, the nation has experienced a quasi-industrial economy and now, as it appears, has been confronted with a new global economic order **characterized by information and technology.**



Distance & Education...

The technological revolution has created the
"Death of Distance"

The technological revolution has created
**"Digital Natives" - the product of immersions in
the technological changes of the past 2 decades.**

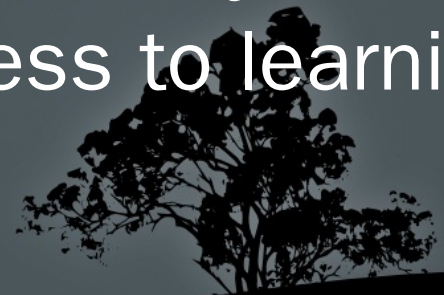


The Disparity: An opps....

- Today's youth are raised in a ubiquitous technology environment
- The New generation is accustomed to the “twitch-speed, multitasking, random-access, graphics-first, active, connected, fun, fantasy, quick pay-off world of video games, MTV, and Internet.”

BUT

- Most of today's instructors are not familiar with the digital language of their students: they must learn to maximize learning and access to learning.



Education: Creative Opps...

- The transformative role of Education has positive impact on rural poverty – creative opportunity!
 - **Economic:** *Better production and earnings*
 - **Human:** *e-Literacy, New Farming Techniques*
 - **Social:** *Avenue for Community Intergration & Knowledge Sharing*



Be Creative...

To be creative consider,

School Databases

Open Source Learning Management Systems



Be Creative, MLearn...

To be creative consider,

Mobile Learning

the Intersection of Mobile Computing and eLearning



The Platform...

- **Availability**
 - Can easily be secured
- **Flexibility**
 - Diversity of the platform – Bluetooth, Text, Multimedia
- **Accessibility**
 - More cell phone users in Ghana Educational System
- **Creativity**
 - Explore the platform



MLearn Creative Opps...

- Downloading of audio or podcasts
- Accessibility to grades
- Timetabling and class re/scheduling
- Send email and chart
- Access to video files: step-by-step procedures
- Collaborative project and file transfer



MLearn Creative Opps...

Support implications of any online course are significant.
If the course includes links to readings or other Web sites,

- who is responsible for keeping those links updated?
- who updates the course if a new version of software is released?
- who worries about the security of the system, ensuring that students' assignments and grades are not tampered with?
- Who provides help-desk support for the course?



The Opps...Lets Discuss

My thoughts were...

Your thoughts are...

Our collaborative thoughts...**THE ACTION**



Thank You

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